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CENTRAL FAX CENTER Application No. 10/635,112
Filed: August 6, 2003
SEP 10 2007 TC Art Unit: 2875
Confirmation No.: 2059

IN THE CLAIMS

Please amend claims 1 and 3 as shown in the Status of the Claims section, *infra*. No new matter has been added. Additions are underlined and deletions are struckthrough and/or enclosed between double brackets ([[]]).

Amendment to claim 1 is made without the intention of surrendering any of the equivalents to which the original claim was entitled.

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STATUS OF THE CLAIMS

1. (Currently amended) A light-emitting acoustic module, comprising:

a backing panel attachable to a support, the backing panel having a periphery;

a light-diffusing, acoustically non-reflective cover attached to and around the periphery of the backing panel, at least a portion of the cover being spaced apart from the backing panel to define a cavity between the backing panel and the cover, the cover forming a ceiling surface; and

a plurality of light-emitting elements disposed in the cavity between the backing panel and the cover, the light-emitting elements being operative to produce light diffusable through the cover.

2. (Original) A light-emitting acoustic module according to claim 1, wherein the cover is fabric.

3. (Currently amended) A light-emitting acoustic module according to claim 2, wherein the fabric cover is draped and/or stretched over the backing panel.

4. (Original) A light-emitting acoustic module according to claim 1, wherein the cover is made of a non-rigid material, and further comprising a rigid spacing member disposed between the backing panel and the cover maintaining separation therebetween.

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5. (Original) A light-emitting acoustic module according to claim 4, wherein the spacing member is a centrally disposed cylindrical sleeve.
6. (Original) A light-emitting acoustic module according to claim 4, wherein the light-emitting elements are attached to the spacing member.
7. (Original) A light-emitting acoustic module according to claim 4, wherein the spacing member has a central opening, and wherein the light-emitting elements are disposed within the central opening of the spacing member.
8. (Original) A light-emitting acoustic module according to claim 1, wherein the cavity attenuates and traps sound.
9. (Original) A light-emitting acoustic module according to claim 1, further comprising audio loudspeakers disposed in the cavity.
10. (Original) A light-emitting acoustic module according to claim 1, further comprising a wireless network access point disposed in the cavity.
11. (Original) A light-emitting acoustic module according to claim 1, wherein the cover is a rigid material.
12. (Original) A light-emitting acoustic module according to claim 11, wherein the cover includes small perforations to provide for sound entry.

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13. (Original) A light-emitting acoustic module according to claim 11, wherein the cover includes integrated phosphor pigments so as to be excited by the lighting elements and emit light.

14. (Original) A light-emitting acoustic module according to claim 1, wherein the lighting elements are located on the backing panel.

15. (Original) A light-emitting acoustic module according to claim 1, wherein the light-emitting elements include at least one array of light-emitting diodes (LEDs).

16. (Original) A light-emitting acoustic module according to claim 15, wherein the LEDs include organic LEDs (OLEDs).

17. (Original) A light-emitting acoustic module according to claim 15, wherein the LEDs include high brightness LEDs (HBLEDs).

18. (Original) A light-emitting acoustic module according to claim 15, wherein at least two arrays of light-emitting diodes are included, a first array being centrally located and a second array being disposed about the first array and spaced apart therefrom.

19. (Original) A light-emitting acoustic module according to claim 1, wherein the cover is made of a woven material.

20. (Original) A light-emitting acoustic module according to claim 19, wherein the woven material incorporates metallic light-reflective fibers.

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21. (Original) A light-emitting acoustic module according to claim 1, wherein the backing panel is planar and edge-suspendable so as to be usable in a hung ceiling system.

22. (Original) A light-emitting acoustic module according to claim 21, wherein the edges of the backing panel have a stepped configuration for overlapping the edges of adjacent modules when installed in the hung ceiling system.

23. (Original) A light-emitting acoustic module according to claim 1, wherein the backing panel includes mounting features disposed on a rear surface thereof for attaching the backing panel to the support.

24. (Original) A light-emitting acoustic module according to claim 23, wherein the mounting features are configured to allow for a cluster of multiple similar modules to be mounted in overlapped fashion.

25. (Original) A light-emitting acoustic module according to claim 24, wherein the backing panel in each of the modules of the cluster is planar and oval.

26. (Original) A light-emitting acoustic module according to claim 1, wherein the backing panel is planar and rectangular.

27. (Original) A light-emitting acoustic module according to claim 26, wherein the backing panel is square.

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28. (Original) A light-emitting acoustic module according to claim 1, wherein the backing panel is planar and oval.

29. (Original) A light-emitting acoustic module according to claim 1, wherein the backing panel is planar and round.

30. (Original) A light-emitting acoustic module according to claim 1, wherein the light-emitting elements comprise color-changing solid state lighting elements.

31. (Original) A light-emitting acoustic module according to claim 30, wherein the color-changing solid state lighting elements comprise stacked red-green-blue (RGB) light-emitting diode (LED) chips.

32. (Original) A light-emitting acoustic module according to claim 30, wherein the solid-state lighting elements are controllable via analog electronics.

33. (Original) A light-emitting acoustic module according to claim 30, wherein the solid-state lighting elements are controllable via digital electronics.

34. (Original) A light-emitting acoustic module according to claim 33, wherein the digital electronics are hardwired to the solid-state lighting elements.

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35. (Original) A light-emitting acoustic module according to claim 33, wherein the digital electronics are wirelessly coupled to the solid-state lighting elements.

36. (Original) A light-emitting acoustic module according to claim 1, wherein the light-emitting elements comprise fluorescent lamps.

37. (Original) A light-emitting acoustic module according to claim 1, wherein the backing panel is acoustically absorbent.

38. (Original) A light-emitting acoustic module according to claim 1, wherein the backing panel and cover have respective openings for permitting passage of a sprinkler head when the module is installed in a ceiling.

39. (Original) A light-emitting acoustic module according to claim 1, wherein the light-emitting elements are disposed on a sub-assembly that is installable separately from the remainder of the module.

40. (Original) A light-emitting acoustic module according to claim 1, wherein the cover is removably attached to the backing panel to permit access to the cavity of the module when installed in a ceiling.